

WaveMAX Corp. has an experienced team of professionals in Business Development, Sales and Marketing, Network Design and Implementation, Engineering and IT Operations, giving WaveMax the ability to undertake the most demanding wireless projects.

WaveMAX Corp. has contracted with ERF Wireless, Inc. to provide an integral solution of data and voice communications to the targeted service areas. ERF Wireless is one of the nation's leading providers of secure wireless networks for the regional banking industry as well as one of the largest wireless Internet Service Providers (WISPs) in the U. S. The company continues to aggressively build and operate wireless broadband networks nationwide, utilizing a combination of acquisitions, partnerships and new construction.

1. Opportunities the proposed system seeks to address:

The challenge of closing the digital divide has been debated for many years. It is critical that traditionally underserved or un-served segments of our population have access to broadband in order to improve their quality of life and increase the economic health of their communities. Our findings indicate that, although several communities have broadband capability, this access is actually very limited in terms in geography, serving only the most central parts of the community and not reaching outlying areas of the population. Broadband access can facilitate:

- Improved educational experiences through the ability to do research on-line, participate in video conferencing events and minister to the needs of a homebound student.
- A healthcare organization's ability to securely pass large files, participate in a telemedicine program or have access to video events, revolutionizing the way business is conducted on a day-to-day basis.
- Economic Development in that high-speed bandwidth is a feature that companies seek out when choosing a new community in which to locate. A community that might be attractive to a company in every other way can lose a business re-location or expansion for lack of broadband Internet.
- Overall access to government services, allowing the deployment of bandwidth-intensive applications to serve the community with accessibility to all.

We seek to change the technology profile of each community in which we become involved. The corresponding changes are critical to the area's future vitality. We propose the use of WiMAX technology. This technology provides burstable speeds of up to 2 Mbps and can be supplied affordably with industry standard service levels to even the most remote communities.

2. We have targeted four proposed locations in the Gulf Coast Texas area.

3. The total number of houses is included in these areas is 4,701; there are 536 total number of businesses in funded service areas.

4. The total number of community anchor institutions is 48.

5. Proposed services and applications:

We will have three types of data services: Residential High Speed with a service of 768 kbps download and 250 kbps upload, Small Business High Speed with a speed of 1 Mbps download and 512 kbps upload, and Business High Speed for a speed of 2 Mbps download and 1 Mbps upload.

The applications offered are high speed internet access and Voice over IP (VoIP)

For voice we will offer:

- DID for the town or the closest available town
 - Long Distance including an unlimited pack to USA, Canada and Mexico.
- We will also be offering web hosting and premium email accounts.

6. Approach to addressing the non-discrimination and interconnections obligations:

WaveMax commits to be in adherence with all standards set forth in The Nondiscrimination and Interconnection Obligations:

- The WaveMax Project will observe and adhere to the FCC's Internet Policy Statement, encouraging broadband deployment, preservation and promotion of open and interconnected nature of the public Internet.
- The WaveMax Project will not favor any lawful Internet applications and content over others. All applications and content will be reviewed and evaluated equally.
- The WaveMax Project will display its Network Operations Policy on the corresponding website. Customers will also be notified of any changes to the policy. Capacity Allocation and Packet flow will be controlled at the edge routers to not only manage the network but to restrict illegal and harmful activity as well as optimize network performance for both WaveMax customers and any other entity to which WaveMax provides interconnectivity.
- The WaveMax project is designed and engineered as a public access network. Private network elements are not integrated into this proposal.
- The WaveMax project is committed to offering interconnection in accordance with BIP requirements. WaveMax observes Industry Standard Practices for nondiscrimination and will offer open interconnection access, including the ability to connect to the Public Internet and physical interconnection for the exchange of traffic, at just and reasonable rates where technically feasible, not exceeding current or reasonably anticipated capacity limitations.

7. Type of broadband system that will be deployed.

To reach proposed service areas, we will be extending the ERF middle mile network by one hop, using RAD microwave radios at 100 Mbps in unlicensed 5.8 GHz or 2.4 GHz frequencies.

For the last mile, we will be installing WiMAX equipment using the open 3.65 GHz in a radius of up to 5 miles to achieve the best modulation schemes and coding which will produce the highest throughput and service speed to customers.

We have located the towers required to lease for the middle mile extension, and have performed a series of path analysis studies to determine how best to reach these towers to properly service the last mile.

8. Qualifications of the applicant that demonstrate the ability to implement and operate a broadband infrastructure.

WaveMax Corporation is founded on the principal of providing underserved market areas with wireless technology solutions. Capitalizing on the new —Wi-Max access can be provided to any area of the country. WaveMax has forged a relationship with ERF Wireless, one of the country's leading providers of high-speed wireless Internet. With a customer base rapidly approaching 10,000, ERF Wireless has extensive experience in the design, engineering and building of high-speed wireless networks throughout Texas and Louisiana. ERF Wireless also has a Banking Division, having built numerous high-capacity private networks for community banks thus putting them in the middle of rural America. Many areas which heretofore have been under-served, now have high-speed Internet due to the community bank branches within their towns. In addition, ERF also provides Internet services to Oil and Gas drilling and production areas throughout Texas and New Mexico providing real-time packet transport. Bringing the experience and knowledge base of these two companies together creates an entity that understands rural broadband access like few others. This is not only our business, it is our passion.

10. Overall expected subscriber projections for the project:

We expect to reach 10% of households within 3 years of starting the project, and 9% of businesses and 9 institutions.

11. Number of jobs estimated to be created or served as a result of this project:

We will be creating direct and indirect jobs.

Directly we will be creating the following permanent jobs: a Business Development Manager, a Sales Executive, a Marketing Executive, a Tech Support Engineer, a Customer Support Coordinator and a Comptroller Manager. WaveMAX will be directly creating 6 new jobs in Austin, Texas as a result of our application being approved. Based on current projections, we are estimating the creation or retention of 70 jobs indirectly, using a very conservative 1% impact on current job rates in the area.

The accuracy of the results was based on the following survey practices:

Updated census data for 2007 from www.city-data.com as well as local sources such as Chamber of Commerce and Economic Development offices were used for population number and household and businesses numbers.